

What is claimed is :

1. An automatic cleaning apparatus for paint sprayer gun comprising a solvent cleaning tank; a cleaning tank; and a check 5 valve;

10 said solvent cleaning tank has a pressurized air inlet at its one end with a proper height, said cleaning tank has a plurality of vertically erected first tubes of different length, each said first tube is equipped with at least a nozzle at its one end, while the other ends of said first tubes are mutually communicated with one another with a second tube; a third tube is connected to said second tube at a proper position thereof, the other end of said third tube is appropriately inserted into said solvent cleaning tank such that the pressurized air is able to enter said solvent tank from 15 said air inlet, and ^{for} the solvent to pass through the other opening end of said third tube and is ejected from said nozzles; said check valve is installed at a proper position between said cleaning tank and said solvent cleaning tank for collecting the solvent in the bottom of said cleaning tank to flow back to said 20 solvent cleaning tank.

2. The cleaning apparatus of claim 1, wherein the wall of said solvent cleaning tank is combined with that of said cleaning tank.

25 3. The cleaning apparatus of claim 1, wherein the two walls of said solvent cleaning tank and said cleaning tank are separated, and a lid is provided for said solvent cleaning tank, for allowing insertion of other end of said third tube and installation of said

check valve thereof.

4. The cleaning apparatus of claim 2 or 3, wherein a safety valve, an air release valve and a time counter are installed at said air inlet such that said time counter is able to indicate said safety valve to interrupt entry of the pressurized air via said air inlet as soon as the air pressure at said air inlet has reached to a prescribed value.

5. The cleaning apparatus of claim 4, wherein an upper lid is provided for said cleaning tank, and a micro switch capable of detecting the air pressure is installed at a corner on the lower surface of said lid such that said micro switch is actuated to interrupt entry of the compressed air from said air inlet when said lid is lifted up thereby prohibiting said nozzles to eject the solvent and ensuring security, on the other hand, the compressed air is able to enter the apparatus from said air inlet to perform clearing work by actuation of said micro switch when said lid is closed.

6. The cleaning apparatus of claim 1, wherein an entrainer is provided in said cleaning tank at a proper height with a plurality of through holes formed on the board surface of said entrainer, said first tubes are penetrating through said entrainer together with their nozzles such that the solvent ejected by said nozzles is able to flow into said through holes.

7. The cleaning apparatus of claim 1, wherein a filter cloth is equipped with said check valve.